

CLAIMS

I claim:

1. Muffler or exhaust line catalyst for a motor vehicle, defined by a tube (8) manufactured by rolling and welding a metal strip (12), this tube (8) having, at one at least of its ends (9, 10), a deformation by flospinning for defining an inlet (4) and/or an outlet (5) cone for the exhaust gases, characterized in that, at least in the portion or portions (13, 14) of the tube (8) shaped by flospinning, the weld line (15) ensuring the closing of the rolled metal strip (12) forms an angle (16) with respect to the axis (17) of said tube (8).

2. Muffler or exhaust line catalyst for a motor vehicle, characterized in that the weld line (15) at the level of the tube (8) describes a spiral.

3. Process for manufacturing a muffler or exhaust line catalyst shell for a motor vehicle comprising an inlet (4) and/or outlet (5) cone ending through a reduced diameter tube section (6, 7), characterized in that:
 - a tube is made by rolling and welding a metal strip (12) into a spiral;
 - in order to form the inlet (4) and/or outlet (5) cone of said shell, one and/or the other end (9, 10) of the tube (8) is deformed by flospinning.